

CLAIMS

What is claimed is:

1. A method for producing a custom-developed software package based on customer-designated specifications, comprising:

5 building a software core module storage unit, which is used to store a pre-built software core module object;

building a functional module storage unit, which is used to store a set of pre-built functional module objects;

10 building a custom-made module storage unit, which is used to store a set of custom-made module objects;

specifying a set of user-specified custom options that specify a set of functional module objects and custom-made module objects that are required for integration to the custom-developed software package; and

15 gathering the user-selected set of functional module objects and custom-made module objects respectively from the functional module storage unit and the custom-made module storage unit based on the user-specified custom options, as well as directly gathering the software core module object from the software core module storage unit, so as to combine the gathered software core module object, functional module objects, and custom-made module objects into an integrated code package serving as the intended
20 custom-developed software package.

2. The method of claim 1, wherein the functional module objects stored in the functional module storage unit include a group of pre-built core functional module objects and a group of custom-made functional module objects.

3. The method of claim 1, wherein the custom-made module objects stored in the custom-made module storage unit include a group of document file objects, a group of data file objects, and a group of custom-made interface objects.

4. A modularized custom-developed software package producing system which is capable of automatically producing a custom-developed software package based on customer-designated specifications;

the modularized custom-developed software package producing system comprising:

a software core module storage unit, which is used to store a pre-built software core module object;

a functional module storage unit, which is used to store a set of pre-built functional module objects;

a custom-made module storage unit, which is used to store a set of custom-made module objects;

a database access management unit, which is used to control access operations on the software core module storage unit, the functional module storage unit, and the custom-made module storage unit;

a custom-option setting unit, which is a user-input module for inputting a set of user-specified custom options that specify a set of functional module objects and custom-made module objects that are required for integration to the custom-developed software package; and

a code gathering unit, which is capable of gathering the user-selected set of functional module objects and custom-made module objects respectively from the functional module storage unit and the custom-made module storage unit based on the settings by the custom-option setting unit, as well as directly gathering the software core module object from the software core module storage unit, so as to combine the gathered software core module object, functional module objects, and custom-made module objects into an integrated code package serving as the intended custom-developed software package.

5. The modularized custom-developed software package producing system of claim 4, wherein the functional module objects stored in the functional module storage unit include a group of pre-built core functional module objects and a group of custom-made functional module objects.

6. The modularized custom-developed software package producing system of claim 4, wherein the custom-made module objects stored in the custom-made module storage unit include a group of document file objects, a group of data file objects, and a group of custom-made interface objects.

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